

(No Model.)

3 Sheets—Sheet 1.

E. OUTLAN.  
TOOL FOR SPIRAL TURNING.

No. 408,521.

Patented May 21, 1889.

Fig. 1.

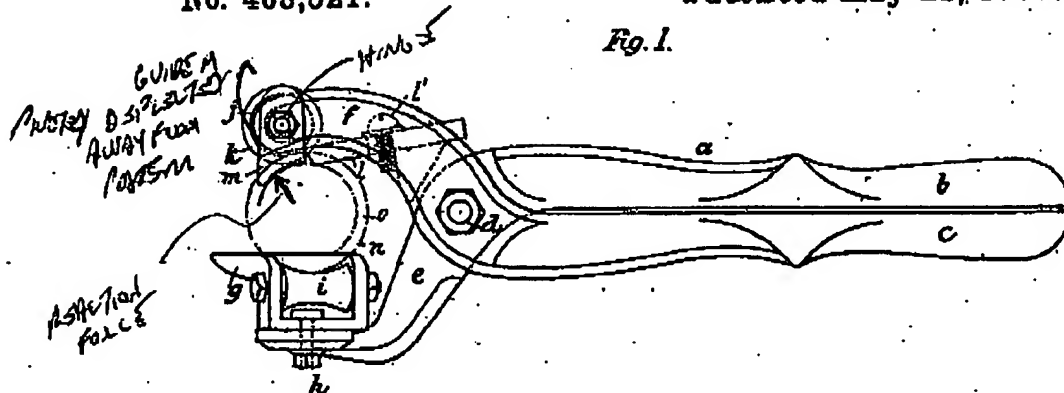
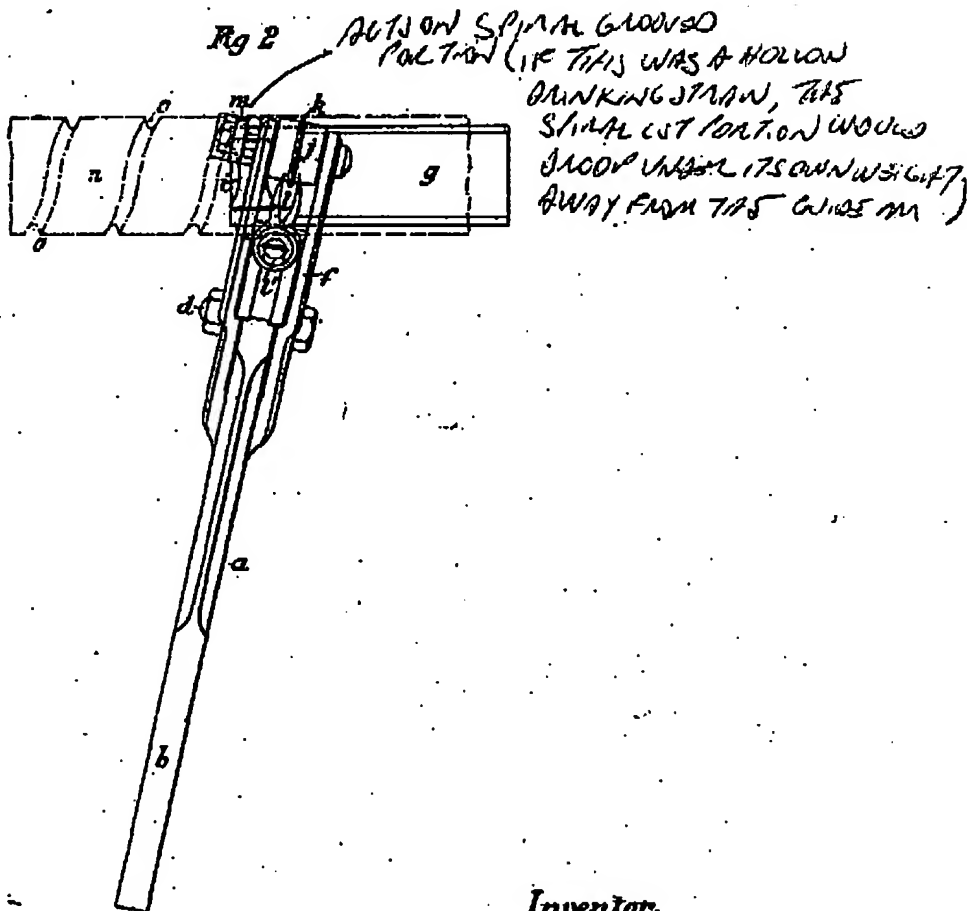


Fig 2



Witnesses:

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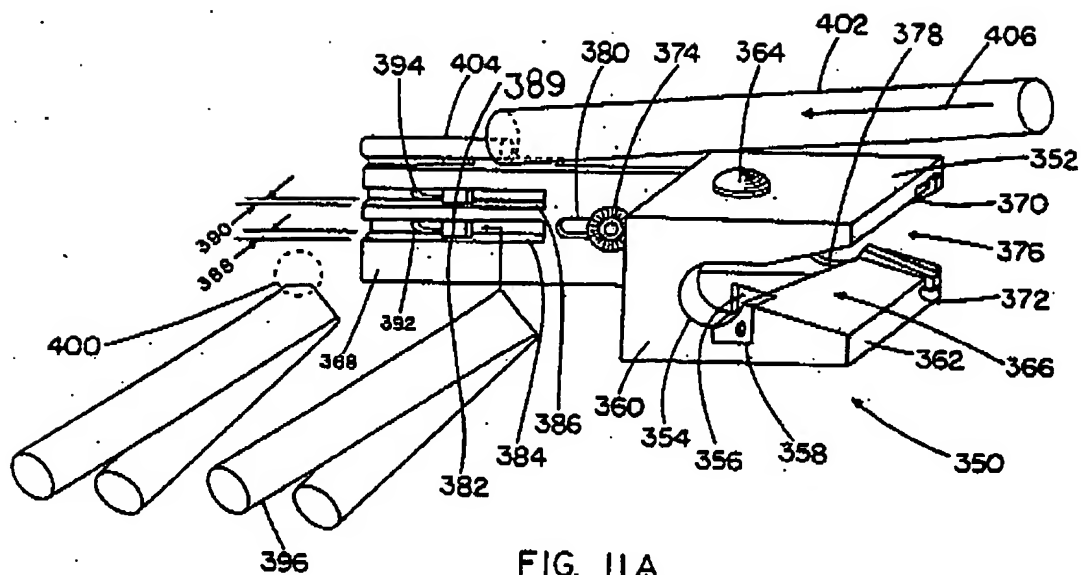


FIG. 11A

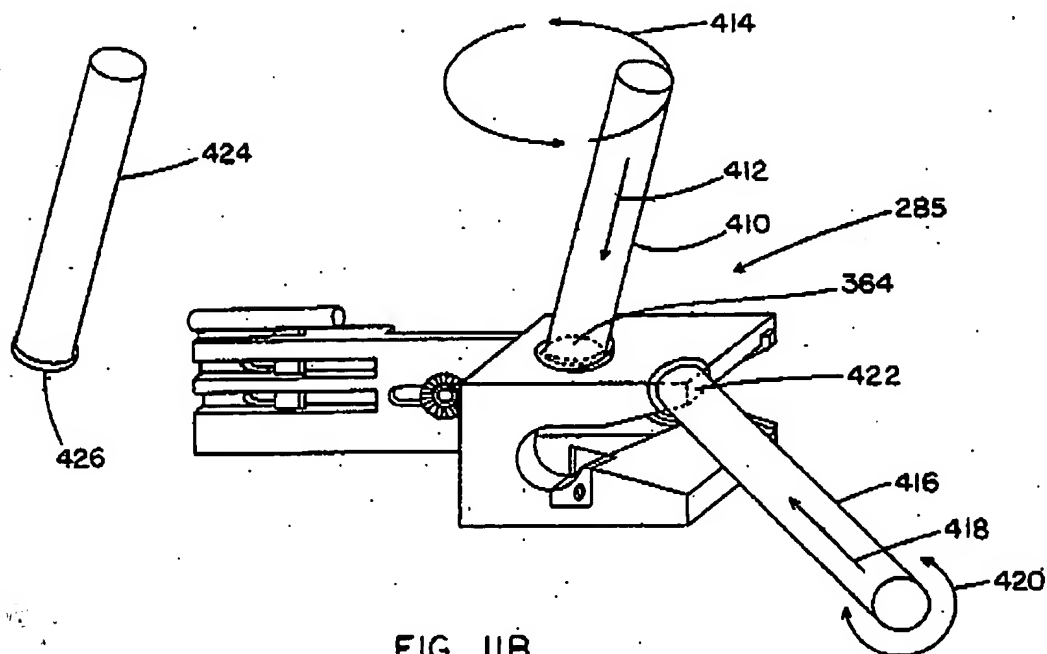


FIG. 11B